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THE URBAN DISTRICT OF WIMBORNE MINSTER

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

1952.





THE URBAN DISTRICT OF WIMBORNE MINSTER  
ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR THE  
YEAR.....1952.



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THE URBAN DISTRICT OF WIMBORNE MINSTER

MEMBERS OF THE COUNCIL

CHAIRMAN:- Councillor H.C. Martin Harvey.

VICE-CHAIRMAN:- Councillor Miss M.C. Richards.

COUNCILLORS:-

C.H. Cowdry

R.W.E. Cribb

F.O. Day

S.I. Dennett.

W.T. Elcock

K.B.J. Joyner.

E.H. Markby

F.W.J. Moore.

L.S.D. Neate.

W.T. Topp.

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PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH

J.B.M. Mayes, M.R.C.S., L.R.C.P., M.B., B.S., D.P.H

SENIOR SANITARY INSPECTOR with combined duties as SURVEYOR

A.H.E. Gellender. M.R.S.I.

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Public Health Department,  
Civic Centre,  
Wimborne.

TO:-

The Chairman and Councillors of the Wimborne Minster Urban District Council:-

The Annual Report on the health and sanitary circumstances of the Urban District is submitted for your information and consideration.

The Report is presented as follows:-

- A. Vital Statistics.
- B. General provisions of Health Services in the Area.
- C. Sanitary Circumstances of the Area.
  - 1. Water.
  - 2. Sewerage.
  - 3. Refuse collection and Salvage.
  - 4. Rodent Control.
  - 5. Nuisances.
- D. Housing.
- E. Factories and Workshops.
- F. Inspection and Supervision of Food.
- G. Mass Radiography.
- H. Prevalence of Infectious Diseases.

I wish to take this opportunity of thanking the Chairman and members of the Council for their kindness and consideration.

I have much appreciated the help and co-operation given to me by the staff of the public health department, officials in other departments and by my professional colleagues in practice in the area.

J.B.M. Mayes.

JULY, 1953.

MEDICAL OFFICER OF HEALTH



SECTION A  
GENERAL STATISTICS

1. Area of district..... 653 acres.
2. Population estimated by Registrar General. 4500
3. Total number of inhabited houses as at  
31st December, 1952 (Rate Book)..... 1436
4. Rateable value at 1st April, 1952..... £33,896
5. Sum represented by penny rate..... £ 135.5.8

SUMMARY OF VITAL STATISTICS FOR THE YEAR

<u>Live Births</u>	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Total registered.....	66	40	26
Legitimate.....	61	38	23
Illegitimate.....	5	2	3

Stillbirths

Total registered..... N i l

Deaths

Total registered..... 55                      29                      26

Infant Mortality

Deaths of infants under one year of age.                      N i l

THE UNIVERSITY OF CHICAGO

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Comparative Statistics.  
(where available)

	<u>Wimborne.</u>	<u>England and Wales.</u>
Live birth rate per 1,000 estimated home population.....	14.67	15.3.
Stillbirth rate per 1,000 home population.....	0.0	0.35
Death rate per 1,000 estimated home population.....	12.22	11.30
Death rate of infants under one year of age per 1,000 related live births.	0.0	27.6

Causes of Death during the year 1952.  
(supplied by the Registrar General)

<u>Cause.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total</u>
1. Respiratory tuberculosis.....	3	0	3
2. Other forms of tuberculosis.....	1	0	1
3. Acute poliomyelitis.....	1	0	1
4. Cancer.....	6	8	14
5. Vascular lesions of the nervous system.....	1	5	6
6. Hypertension with heart disease.....	1	1	2
7. Coronary disease.....	4	1	5
8. Other heart disease.....	3	2	5
9. Other circulatory disease.....	4	4	8
10. Pneumonia.....	1	1	2
11. Other diseases of respiratory system.....	1	0	1
12. Ulcer of stomach or duodenum.....	0	1	1
13. Motor vehicle accidents.....	1	0	1
14. All other causes.....	2	3	5
TOTAL.....	29	26	55



COMMENTS ON THE VITAL STATISTICS.

Births

Slightly more children were born this year compared with 1951 and 1950. 66 in 1952, 50 in 1951, 63 in 1950. No stillbirths were recorded.

The Crude Birth Rate was 14.67 per 1,000 estimated home population. By applying the comparability factor of 1.15, the standardised birth rate was 16.87.

DEATHS

Fewer persons died in 1952 compared with 1951, 55 in 1952, 70 in 1951, 79 in 1950. Of the 55, 29 were males and 26 females. 33 were over 70 years of age.

The Crude Death Rate was 12.22 per 1,000 estimated home population. By applying the comparability factor of 0.71, the standardised death rate was 8.68.

The comparability factor is worked out for each district by the Registrar General. The purpose of this factor is to level out differences of age and sex constitution of the population of the various districts and enables more accurate comparisons to be made of birth and death rates in other areas.

There were no deaths from diphtheria, whooping cough, measles, scarlet fever, nor from meningococcal infection. There were no maternal deaths.

In 1952, no child died under one year of age compared with one in 1951 and two in 1950.

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## SECTION B

### GENERAL PROVISIONS OF THE HEALTH SERVICES.

#### PUBLIC HEALTH LABORATORY

The Public Health Laboratory service at Boscombe has given the district generous service. The Laboratory undertakes the bacteriological examination of water, milk, ice cream and other foods. It also examines specimens for diagnosis in the case of infectious, or suspected infectious diseases.

#### AMBULANCE SERVICE

The Ambulance Service of the district is under the jurisdiction of the Dorset County Council, operating day and night from the Civic Centre.

#### WELFARE CENTRE.

The Dorset County Council provide an Infant Welfare Centre at the Women's Institute Hall.

#### DOMESTIC HELP SERVICE

The Home Help Service has continued through the year under the jurisdiction of the Dorset County Council.

#### ANTE-NATAL CLINIC

The Dorset County Council provide an Ante-Natal Clinic at the Women's Institute Hall.

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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT  
5301 S. DICKINSON AVE.  
CHICAGO, ILL. 60637

TO THE PHYSICS DEPARTMENT  
OF THE UNIVERSITY OF CHICAGO  
FROM THE PHYSICS DEPARTMENT  
OF THE UNIVERSITY OF CHICAGO

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PHYSICS DEPARTMENT

TO THE PHYSICS DEPARTMENT  
OF THE UNIVERSITY OF CHICAGO

RECEIVED  
JAN 10 1964

PHYSICS DEPARTMENT  
5301 S. DICKINSON AVE.  
CHICAGO, ILL. 60637

PHYSICS DEPARTMENT

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SECTION C1. WATER SUPPLY

The Bournemouth Water Company is the statutory water undertaker for the area. The majority of the water is derived from a deep well situated at Walford, near Wimborne. It is chlorinated and softened. 9 samples of main water taken for bacteriological analysis have given highly satisfactory results.

At the beginning of the year, twenty one premises used water from twelve shallow wells. Nine wells have ceased being used and the premises are now supplied with main water. The other three, although a potential danger, have not given unsatisfactory samples.

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2. DRAINAGE AND SEWERAGE

In July, at the request of the Ministry of Housing and Local Government, plans were submitted of a modified sewerage scheme with a disposal works at Leigh Park. The Council pointed out that it would be impossible to provide the scheme without considerable financial aid. In September, the Ministry informed the Council that no grant would be available under the Rural Water Supply Act.

After further consultation with officials of the Ministry, the Council made application to the Dorset County Council for financial assistance under Section 307 of the Public Health Act, 1936.

At the fall of the year, the position had not been clarified.

CESSPOOLS AND SEPTIC TANKS

The Council undertake to empty these free of charge once in three months and the number emptied during 1952 was 315.

PAIL CLOSETS.

There are 757 properties served by pail closets. These are emptied twice a week by the Council's workmen. There are four food premises and seventeen houses through which these pails have to be carried.

The sewage collected is taken three and a half miles to Ferndown, deposited in deep pits and covered with soil after the contents have settled.

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3. REFUSE COLLECTION AND SALVAGE.

Weekly collections are made by the Council and the refuse is disposed of by incineration at Poole.

During the year, seventy tons of paper and books were collected, and 14 tons sold.





4. RODENT CONTROLSUMMARY OF RODENT OPERATOR'S WORK FOR THE YEAR

<u>RATS</u>	<u>Private Premises.</u>	<u>Council Premises.</u>	<u>Business Premises.</u>	<u>Total.</u>
Total number of visits by staff:-	3	206	126	335
a. on complaint.....	2	13	6	21
b. on survey.....		160	46	206
Total number of premises found infested:-				
a. on complaint.....		16	10	26
b. on survey.....		40	10	50
Number of premises treated.	2	14	8	24
Number of premises cleared.	2	12	6	20
Number of premises re-treated and cleared.....		3	2	5
Number of pre-baits laid...	1	70	24	95
Number of poison baits laid.	1	13	8	22
Number of post baits laid...	1	70	19	90
Estimated number of rats destroyed.....	60	130	110	300
Number of bodies recovered..	10	108	90	208

<u>MICE</u>				
Number of complaints received.		5	6	11
Number of premises treated.		5	6	11
Number of premises cleared.		3	5	8

## 5.

NUISANCES

Number of complaints received.....	18
Number remedied by informal notices.....	18
Inspections.....	23
New drains tested.      Number of premises.....	17

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SECTION D  
H O U S I N G

Number of Council Houses completed pre-war.....	122
Number of Council Houses completed post-war.....	119
Number of Council Houses and Bungalows constructed and completed in 1952.....	27
Private enterprise.....	5
Number of Council Houses and Bungalows under construction but not completed by December, 1952.....	Nil

SECTION E  
Factories and Workshops

Number of factories registered.....	44
Number of inspections.....	24

Factories Act, 1937 and 1948 - Part One of the Act.

	<u>Number on</u> <u>Register.</u>	<u>Inspections.</u>
1. Factories in which no mechanical power is used.....	14	6
2. Factories in which mechanical power is used.....	30	18
3. Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).....	Nil	Nil

OUTWORKERS

During the year two outworkers were employed in the district, no infectious disease occurred in either of the premises where these outworkers resided.

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SECTION F  
INSPECTION AND SUPERVISION OF FOOD

The survey of Food Premises in the town has been completed. The majority of the premises are satisfactory. A real effort has been made by the shopkeepers to bring the others to the required standard.

ICE CREAM PREMISES.

Number of Registered Ice Cream Premises..... 19  
Samples..... Number taken..... 47

Provisional Grade 1..... 39  
Provisional Grade 2..... 3  
Provisional Grade 3..... 3  
Provisional Grade 4..... 2

Provisional Grades of Ice Cream

Provisional  
Grade

Time taken to reduce  
methylene blue

1

$4\frac{1}{2}$  hours or more.

2

$2\frac{1}{2}$  - 4 hours.

3

$\frac{1}{2}$  - 2 hours.

4.

0

NOTE:-

Judgement should be based on a series of samples. It is suggested that over a six-monthly period, 50 per cent of a vendor's samples should fall into Grade 1, 80 per cent into Grades 1 and 2, not more than 20 per cent into Grade 3 and none into Grade 4.

FOOD PREMISES.

Number of food premises visited..... 19  
Number of visits..... 26

MILK AND DAIRIES REGULATIONS 1949

Number of Registered Dairies in area..... 1

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CHICAGO, ILLINOIS

DEALERS' LICENCES.

Tuberculin tested.....	2
Pasteurised.....	2

SUPPLEMENTARY LICENCES.

Tuberculin tested.....	3
Pasteurised.....	3

The Sampling Officers of the County Council and the Sanitary Inspector have taken twenty-one routine samples of milk from distributors supplying the area.

Non-designated Milk

9 samples were taken and found to be satisfactory.

Tuberculin Tested Milk

3 samples were taken and found to be satisfactory.

Pasteurised Milk

9 samples were taken and found to be satisfactory.

Methylene Blue Test.

The Public Health Laboratory used the methylene blue reduction test which indicates the keeping quality of milk by the time taken to reduce methylene blue under defined conditions.

Phosphatase Test

This test is officially applied to pasteurised milk in order to determine whether the milk has been satisfactorily heat-treated.

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Condemnation Certificates were issued in respect of the following goods:-

Imported Meat.....	49 lbs.
Tinned meat.....	430 lbs.
<u>Other foods</u>	
Tinned.....	119 tins.
Bulk foodstuffs.....	117 lbs

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SECTION G  
MASS RADIOGRAPHY

The Regional Hospital Board arranged for a Mass Radiography Unit to operate in Wimborne during September.

	<u>Men.</u>	<u>Women.</u>	<u>Children.</u>	<u>Total</u>
Total Number X-rayed.....	559	745	221	1525
Recalled for large size film.....	7	20	3	30
Referred to Chest Clinic (probably tuberculosis).....	-	1	-	1
Number referred to hospital or doctor for other conditions.....	1	4	-	5

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Two women did not attend for large film as requested. The number of people who attended was much greater than in 1951 and it is hoped the numbers will be greater in 1953.

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SECTION H  
PREVALENCE OF INFECTIOUS DISEASES.  
Infectious Diseases notified during year.

Whooping Cough..... 10  
Measles..... 3  
Acute Pneumonia.... 4

TUBERCULOSIS

Number on the Tuberculosis Register at 31st December, 1952:-

<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
8	4	2	3
<u>Total:- 17</u>			

There were three new cases of Pulmonary Tuberculosis notified during the year, one case of pulmonary tuberculosis transferred into the district and one new case of non pulmonary tuberculosis notified.

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There has been no outbreak of food poisoning during the year.

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DISINFECTION

Room disinfection was carried out by the Sanitary Inspector on three occasions.

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A G E   I N C I D E N C E

	1 - 2	3 - 4	5 - 9	10-14	15-24	25 and over.
Whooping Cough.	4	2	1	1	0	2
Measles.	1	-	1	-	1	-
Acute Pneumonia.	-	-	-	-	-	4







